

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013023\
 Data File : VY012388.D
 Acq On : 30 Jan 2023 11:30
 Operator : KP/MD
 Sample : VY0130SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0130SBL01

Quant Time: Jan 31 01:46:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	151378	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	248749	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	239811	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	114942	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	90442	73.964	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	147.920%
35) Dibromofluoromethane	7.715	113	71876	54.570	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.140%
50) Toluene-d8	10.178	98	291226	65.125	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	130.260%
62) 4-Bromofluorobenzene	12.483	95	99446	53.559	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.120%

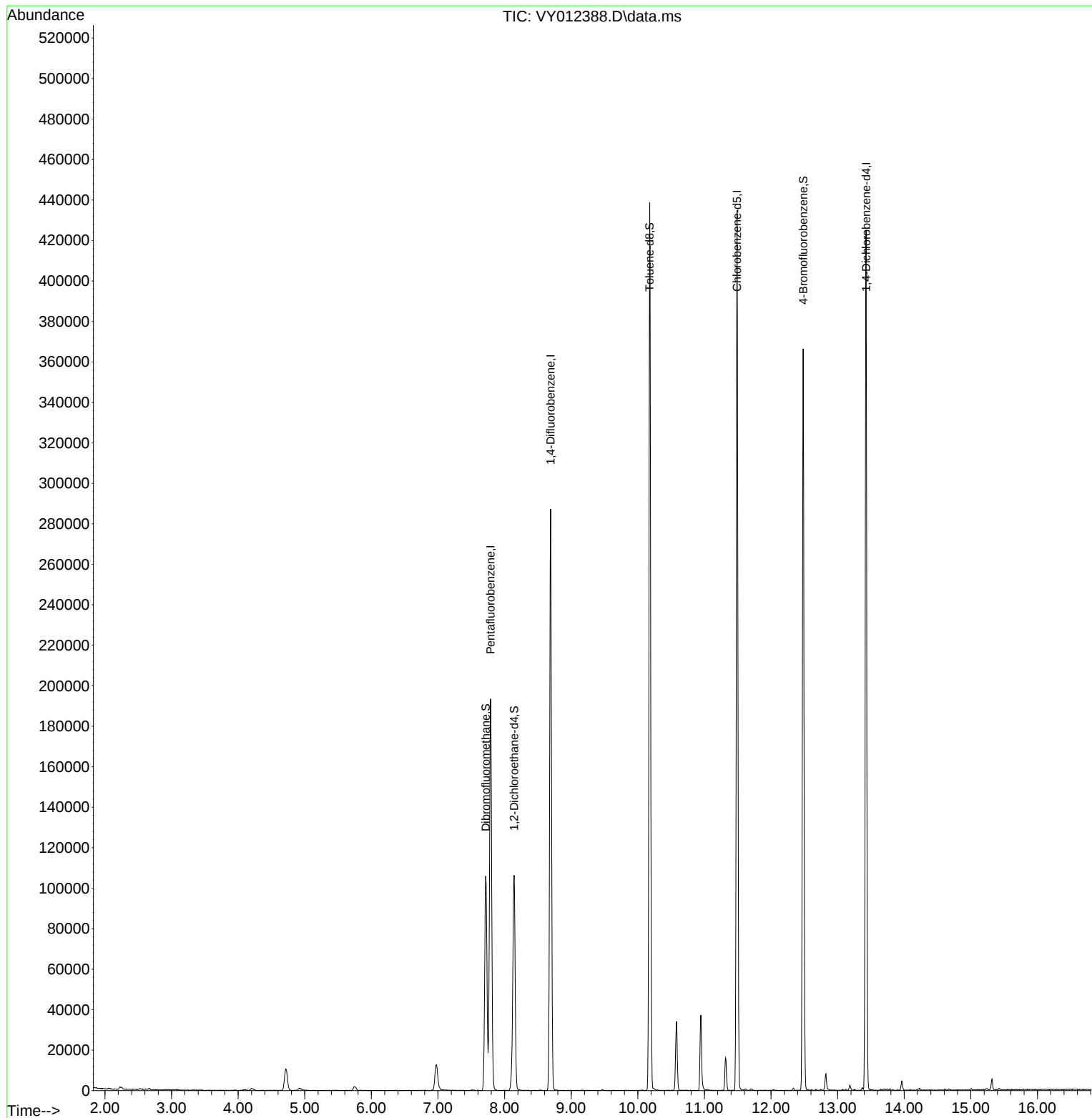
Target Compounds	Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013023\
Data File : VY012388.D
Acq On : 30 Jan 2023 11:30
Operator : KP/MD
Sample : VY0130SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0130SBL01

Quant Time: Jan 31 01:46:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 2023
Response via : Initial Calibration

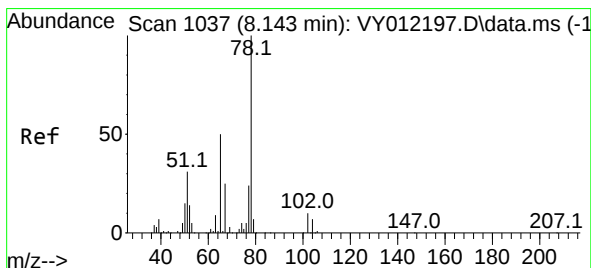
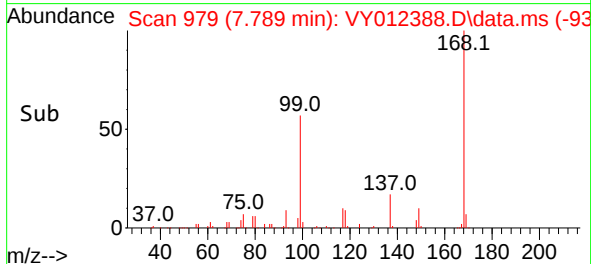
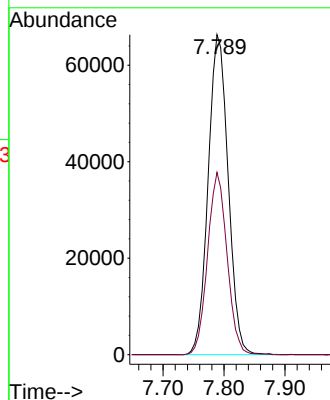
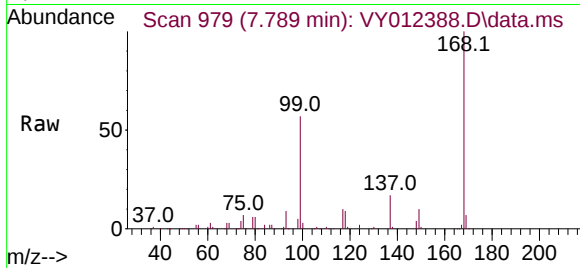




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012388.D
Acq: 30 Jan 2023 11:30

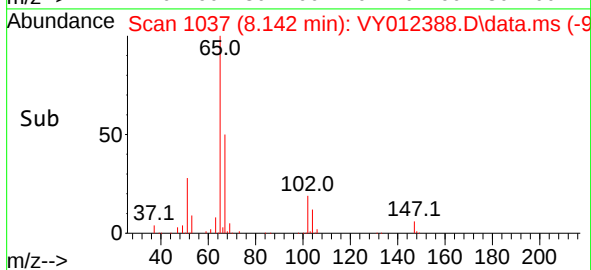
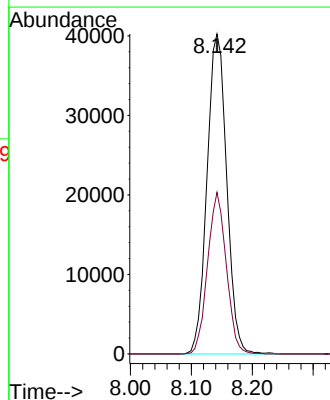
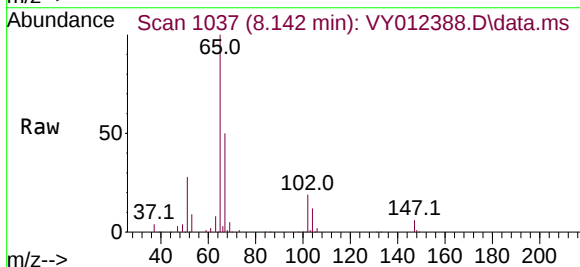
Instrument :
MSVOA_Y
ClientSampleId :
VY0130SBL01

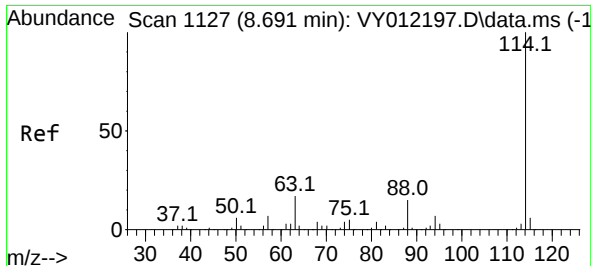
Tgt Ion:168 Resp: 151378
Ion Ratio Lower Upper
168 100
99 56.9 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 73.964 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012388.D
Acq: 30 Jan 2023 11:30

Tgt Ion: 65 Resp: 90442
Ion Ratio Lower Upper
65 100
67 48.0 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012388.D

Acq: 30 Jan 2023 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0130SBL01

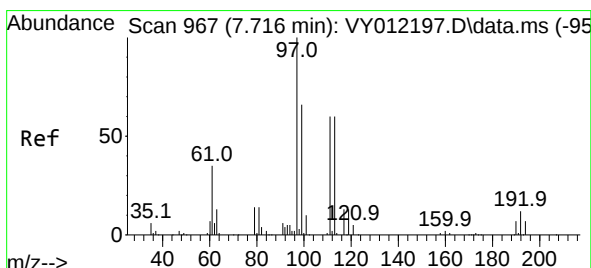
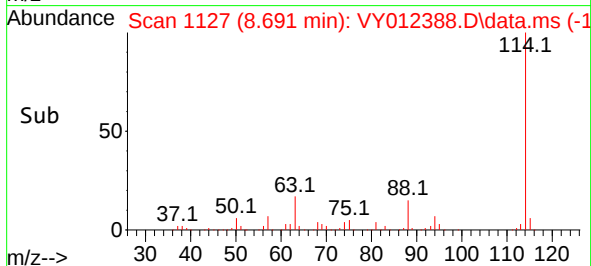
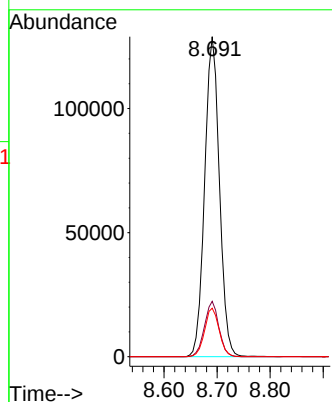
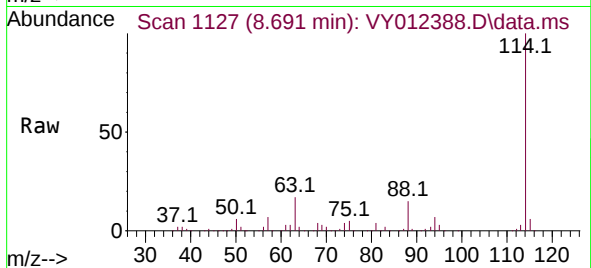
Tgt Ion:114 Resp: 248749

Ion Ratio Lower Upper

114 100

63 17.3 0.0 39.6

88 15.1 0.0 32.2



#35

Dibromofluoromethane

Concen: 54.570 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.001 min

Lab File: VY012388.D

Acq: 30 Jan 2023 11:30

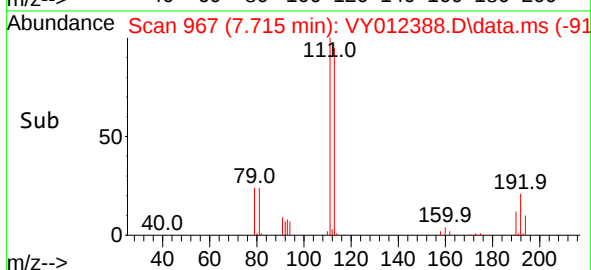
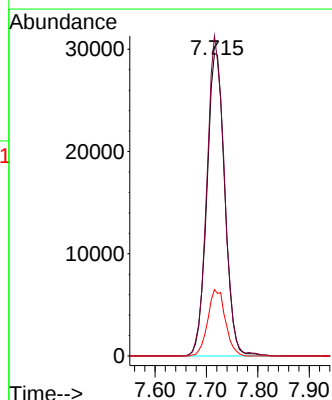
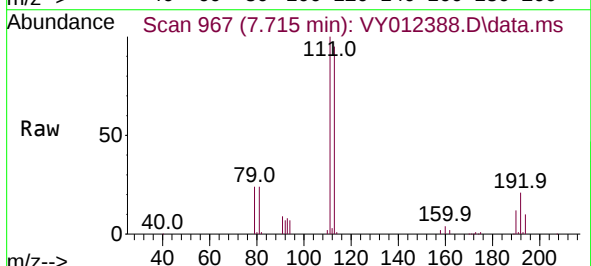
Tgt Ion:113 Resp: 71876

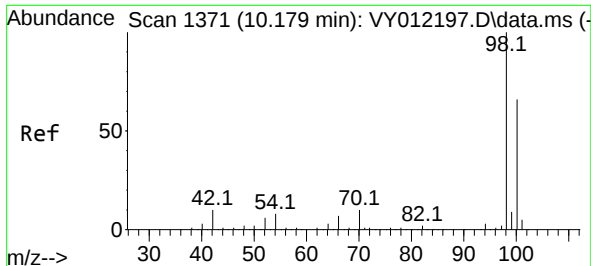
Ion Ratio Lower Upper

113 100

111 102.9 83.0 124.4

192 21.6 16.0 24.0

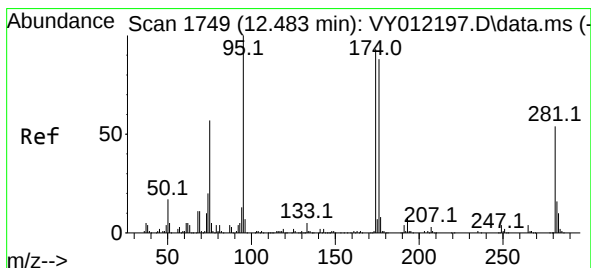
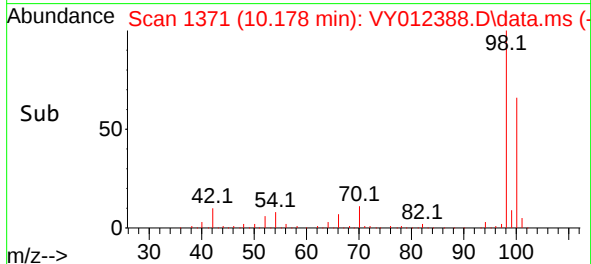
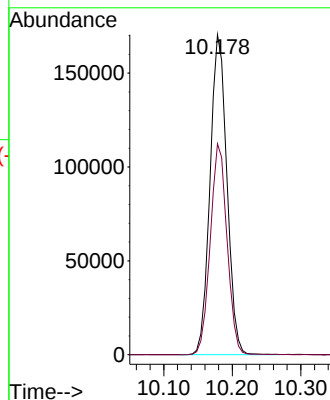
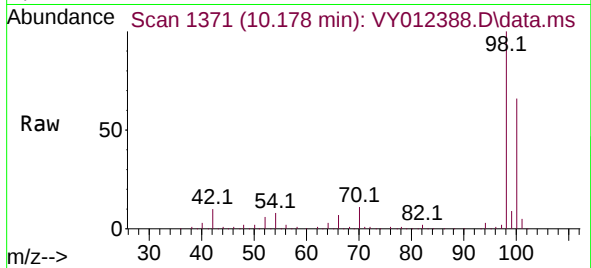




#50
Toluene-d8
Concen: 65.125 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012388.D
Acq: 30 Jan 2023 11:30

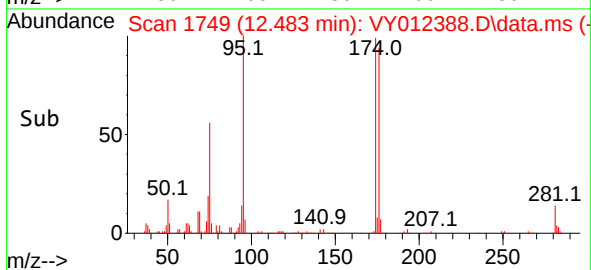
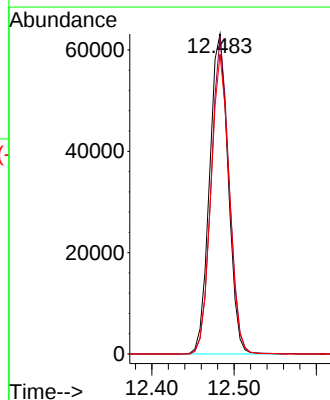
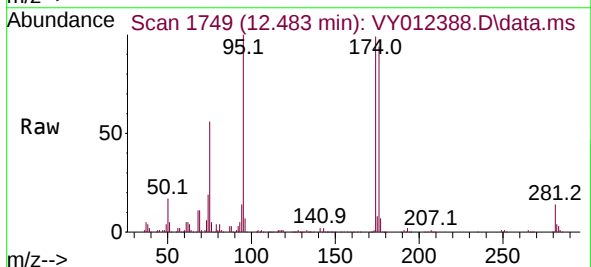
Instrument :
MSVOA_Y
ClientSampleId :
VY0130SBL01

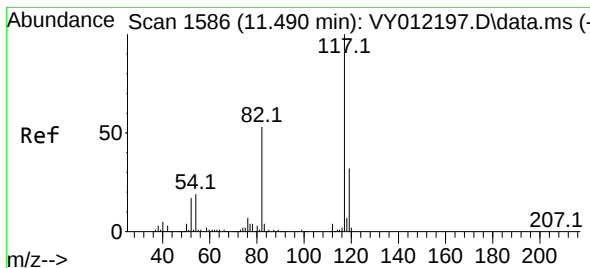
Tgt Ion: 98 Resp: 291226
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 53.559 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012388.D
Acq: 30 Jan 2023 11:30

Tgt Ion: 95 Resp: 99446
Ion Ratio Lower Upper
95 100
174 95.3 0.0 172.0
176 91.8 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY012388.D

Acq: 30 Jan 2023 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0130SBL01

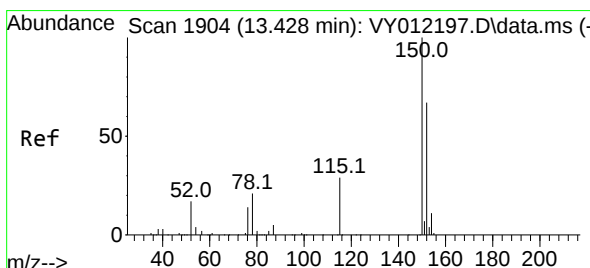
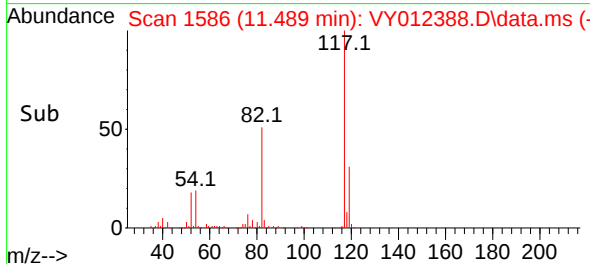
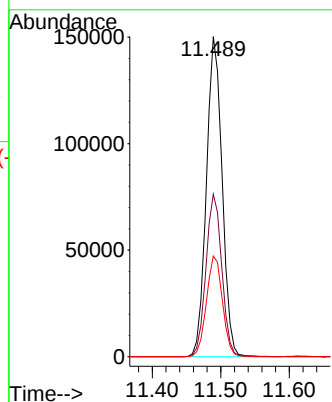
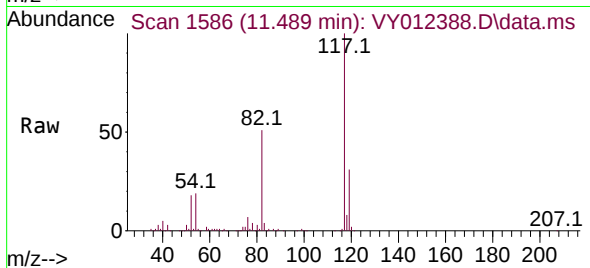
Tgt Ion:117 Resp: 239811

Ion Ratio Lower Upper

117 100

82 50.8 44.8 67.2

119 31.5 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY012388.D

Acq: 30 Jan 2023 11:30

Tgt Ion:152 Resp: 114942

Ion Ratio Lower Upper

152 100

115 57.1 29.1 87.3

150 155.1 0.0 342.6

